

## APPENDIX A

## REFERENCES

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### Government Publications

#### *Department of Defense*

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MIL-HDBK-1002/3	Structural Engineering Steel Structures.
MIL-HDBK-100216	Aluminum Structures, Composite Structures, Structural Plastics, and Fiber-Reinforced Composites.
MIL-HDBK-1008A	Fire Protection for Facilities, Engineering, Design, and Construction.
MIL-HDBK-1025/1	Piers and Wharves.
MIL-HDBK-1025/2	Dockside Utilities for Ship Service.
MIL-HDBK-1025/3	Cargo Handling Facilities.
MIL-HDBK-1025/4	Seawalls, Bulkheads, and Quaywalls.
MIL-HDBK-1025/5	Ferry Terminals and Small Craft.
MIL-HDBK-1025/6	General Criteria for Waterfront Construction.

#### *Departments of the Army, the Navy and the Air Force*

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P-355/AFM 88-3, Ch. 13	
TM 5-1300/NAVFAC	Structures to Resist the Effects
P-397/AFM 88-22	of Accidental Explosions.

#### *Departments of the Army and the Air Force*

TM 5-809-1/AFM 88-3, Ch. 1	Structural Design Criteria-Loads.
TM 5-809-2/AFM 88-3, Ch. 2	Structural Design for Buildings-Materials.
TM 5-811-1/AFM 88-9, Ch. 1	Electric Power Supply and Distribution.
TM 5-813-1/AFM 88-10, Vol. 1	Water Supply: Sources and General Considerations.
TM 5-813-4/AFM 88-10, Vol. 4	Water Supply: Water Storage.
TM 5-814-1/AFM 88-11, Vol. 1	Sanitary and Industrial Waste-water Collection - Gravity Sewers and Appurtenances.
TM 5-814-2/AFM 88-11, Vol. 2	Sanitary and Industrial Waste-water Collection - Pumping Stations and Force Mains.
TM 5-814-3/AFM 88-11, Vol. 3	Domestic Wastewater Treatment.

#### *Department of the Navy*

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NAVFAC DM-7.2	Foundations and Earth Structures.
NAVFAC DM-73	Soil Dynamics, Deep Stabilization, and Special Geotechnical Construction.
NAVFAC DM-22	Petroleum Fuel Facilities, Underground Concrete Storage Tanks.
NAVFAC DM-26.1	Harbors.
NAVFAC DM-26.2	Coastal Protection.
NAVFAC DM-26.3	Coastal Sedimentation and Dredging.
NAVFAC DM-26.4	Fixed Moorings.
NAVFAC DM-26.5	Fleet Moorings.
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## Department of the Army

TM 5-312	Military Fixed Bridges.
TM 5-810-1	Mechanical Design: Heating, Ventilating and Air Conditioning.
TM 5-855-1	Fundamentals of Protective Design for Conventional Weapons
TM 5-858-1	Designing Facilities to Resist Nuclear Weapon Effects - Facilities System Engineering.
TM 5-858-2	Designing Facilities to Resist Nuclear Weapon Effects - Weapon Effects.
TM 5-858-3	Designing Facilities to Resist Nuclear Weapon Effects - Structures TM 5-858-4 Designing Facilities to Resist Nuclear Weapon Effects - Shock Isolation Systems.
TM 5-858-5	Designing Facilities to Resist Nuclear Weapon Effects - Air Entrainment, Fasteners, Penetration Protection, Hydraulic-Surge Protective Device, EMP Protective Devices.
TM 5-858-8	Designing Facilities to Resist Nuclear Weapon Effects - Illustrative Examples.
TM 5-811-6	Electric Power Plant Design.
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## Nongovernment Publications

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SAS 30-86 Specifications for Aluminum Structures

*American Association of State Highway and Transportation Officials (AASHTO)*, 444 North Capitol Street, NW, Suite 225, Washington, DC 20001

HB-13-83 Standard Specifications for Highway Bridges.

*American Concrete Institute (ACI)*, P.O. Box 19150, Redford Station, Detroit, MI 48219-0150

307-88	Concrete - Design and Construction of Cast-in-Place Reinforced Concrete Chimneys.
313-77 (Revised 1983)	Recommended Practice for Design and Construction of Concrete Bins, Silos, and Bunkers for Storing Granular Materials.
318-89	Building Code Requirements for Reinforced Concrete.
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344R-W	Design and Construction of Circular Wire and Strand Wrapped Prestressed Concrete Structures.
346-81	Standard Specification for Cast-in-Place Nonreinforced Concrete Pipe.
346R-81	Recommendations for Cast-in-Place Nonreinforced Concrete Pipe.
350R-89	Environmental Engineering Concrete Structures.
357R-84	Guide for the Design and Construction of Fixed Offshore Concrete Structures.
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544.3R-84	Guide for Specifying, Mixing, Placing, and Finishing Steel Fiber Reinforced Concrete.
544.4R-88	Design Considerations for Steel Fiber Reinforced Concrete.
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*American Institute of Timber Construction (AITC)*, 11818 SE Mill Plain Boulevard, Suite 415, Vancouver, WA 98684

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*American National Standards Institute (ANSI)*, 1430 Broadway, New York, NY 10018

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650-88	Welded Steel Tanks for Oil Storage.
RP 1102-81	Liquid Petroleum Pipelines Crossing Railroads and Highways.
1104-88	Welding of Pipelines and Related Facilities.
RP 1110-81	Pressure Testing of Liquid Petroleum Pipelines.
1615-79	Installation of Underground Petroleum Storage Systems.
1632-83	Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems.
2000-82	Venting Atmospheric and Low-Pressure Storage Tanks (Nonrefrigerated and Refrigerated).

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*American Society of Civil Engineers (ASCE)*, 345 East 47th Street, New York, NY 10017

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A 242/A 242M-88 High-Strength Low-Alloy Structural Steel.  
A 500-89 Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.  
A 572/A 572M-8& High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality.  
A 588/A 588M-88a High-Strength Low-Alloy Structural Steel with 50 ksi [345 MPa] Minimum Yield Point to 4 in. [100 mm] Thick.  
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A 690/A 690M-88 High-Strength Low-Alloy Steel H-Piles and Sheet Piling for Use in Marine Environments.  
B 745/B 745M-89 Corrugated Aluminum Pipe for Sewers and Drains.  
C 76-89 Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe.  
C 478-90 Precast Reinforced Concrete Manhole Sections.  
C 789-88 Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers.  
C 850-88 Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 2 ft. of Cover Subjected to Highway Loadings.  
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M9-79 Concrete Pressure Pipe.  
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222-D-86 Structural Standards for Steel Antenna Towers and Antenna Supporting Structures.

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C2-87 National Electrical Safety Code and Interpretations.

*National Electrical Manufacturers Association (NEMA)*, 2101 L Street, NW, Washington, DC 20037

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